

RAW SEQUENCE LISTING

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Application Serial Number: 101568,271
Source: IFW
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DATE: 07/18/2006

PATENT APPLICATION: US/10/568,271

TIME: 13:56:36

Input Set : A:\15011319.APP

Output Set: N:\CRF4\07182006\J568271.raw

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3 <110> APPLICANT: EDLUND, HELENA
4     WALKER, MICHAEL D.
5     RUBINS, NIR
6     STENEBERG, PAR
8 <120> TITLE OF INVENTION: NEW DIABETES TYPE 2 ANIMAL MODEL
10 <130> FILE REFERENCE: 1501-1319
12 <140> CURRENT APPLICATION NUMBER: 10/568,271
13 <141> CURRENT FILING DATE: 2006-02-15
15 <150> PRIOR APPLICATION NUMBER: PCT/SE04/001209
16 <151> PRIOR FILING DATE: 2004-08-18
18 <150> PRIOR APPLICATION NUMBER: 60/481,249
19 <151> PRIOR FILING DATE: 2003-08-18
21 <150> PRIOR APPLICATION NUMBER: 60/481,608
22 <151> PRIOR FILING DATE: 2003-11-07
24 <150> PRIOR APPLICATION NUMBER: 60/521,377
25 <151> PRIOR FILING DATE: 2004-04-14
27 <160> NUMBER OF SEQ ID NOS: 4
29 <170> SOFTWARE: PatentIn Ver. 3.3
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 300
33 <212> TYPE: PRT
34 <213> ORGANISM: Mus musculus
36 <400> SEQUENCE: 1
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40 Ala Leu Gly Phe Pro Leu Asn Leu Leu Ala Ile Arg Gly Ala Val Ser
41           20           25           30
43 His Ala Lys Leu Arg Leu Thr Pro Ser Leu Val Tyr Thr Leu His Leu
44           35           40           45
46 Gly Cys Ser Asp Leu Leu Leu Ala Ile Thr Leu Pro Leu Lys Ala Val
47           50           55           60
49 Glu Ala Leu Ala Ser Gly Ala Trp Pro Leu Pro Leu Pro Phe Cys Pro
50   65           70           75           80
52 Val Phe Ala Leu Ala His Phe Ala Pro Leu Tyr Ala Gly Gly Gly Phe
53           85           90           95
55 Leu Ala Ala Leu Ser Ala Gly Arg Tyr Leu Gly Ala Ala Phe Pro Phe
56           100          105          110
58 Gly Tyr Gln Ala Ile Arg Arg Pro Arg Tyr Ser Trp Gly Val Cys Val
59           115          120          125
61 Ala Ile Trp Ala Leu Val Leu Cys His Leu Gly Leu Ala Leu Gly Leu
62           130          135          140
64 Glu Thr Ser Gly Ser Trp Leu Asp Asn Ser Thr Ser Ser Leu Gly Ile
65   145          150          155          160

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67 Asn Ile Pro Val Asn Gly Ser Pro Val Cys Leu Glu Ala Trp Asp Pro
68           165           170           175
70 Asp Ser Ala Arg Pro Ala Arg Leu Ser Phe Ser Ile Leu Leu Phe Phe
71           180           185           190
73 Leu Pro Leu Val Ile Thr Ala Phe Cys Tyr Val Gly Cys Leu Arg Ala
74           195           200           205
76 Leu Val Arg Ser Gly Leu Ser His Lys Arg Lys Leu Arg Ala Ala Trp
77           210           215           220
79 Val Ala Gly Gly Ala Leu Thr Leu Leu Leu Cys Leu Gly Pro Tyr
80 225           230           235           240
82 Asn Ala Ser Asn Val Ala Ser Phe Ile Asn Pro Asp Leu Gly Gly Ser
83           245           250           255
85 Trp Arg Lys Leu Gly Leu Ile Thr Gly Ala Trp Ser Val Val Leu Asn
86           260           265           270
88 Pro Leu Val Thr Gly Tyr Leu Gly Thr Gly Pro Gly Arg Gly Thr Ile
89           275           280           285
91 Cys Val Thr Arg Thr Gln Arg Gly Thr Ile Gln Lys
92           290           295           300

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95 <210> SEQ ID NO: 2

96 <211> LENGTH: 903

97 <212> TYPE: DNA

98 <213> ORGANISM: Mus musculus

100 <400> SEQUENCE: 2

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103 agcttggtct acactctcca tctgggctgc tctgatctcc tactggccat cactctgccc 180
104 ctgaaggctg tggaggccct ggcttctgga gcctggcccc tgccgctccc cttctgcccc 240
105 gtctttgcct tggcccactt tgctccccctc tacgcaggcg gaggttctct agctgctctc 300
106 agcgctggcc gctacctggg ggctgccttc cccttcgggt accaagccat ccggaggccc 360
107 cgctattcct ggggtgtgtg tgtggctata tgggcccttg tcctctgcca cctggggctg 420
108 gcccttggct tggagacttc cggaagctgg ctggacaaca gtaccagttc cctgggcatc 480
109 aacatacccg tgaatggctc cccggtctgc ctggaagcct gggatcccgga ctctgcccgc 540
110 cctgcccgtc tcagtttctc cattctgtctc ttctttctgc ccttggtcat cactgccttc 600
111 tgctatgtgg gctgcctccg ggccctgggt cgctcaggcc tgagccacaa acggaagctc 660
112 agggcagctt ggggtggcgg aggcgctctc ctcacactcc tgctctgcct ggggccctat 720
113 aatgcctcca atgtggctag ttccataaac ccggacctag gaggtcctg gaggaagttg 780
114 ggactcatca caggggcctg gagtgtggta ctcaaccac tggtcactgg ctacttgga 840
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116 tag 903

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119 <210> SEQ ID NO: 3

120 <211> LENGTH: 21

121 <212> TYPE: DNA

122 <213> ORGANISM: Artificial Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer

126

128 <400> SEQUENCE: 3

129 gggaagagga gatgtagact t

21

132 <210> SEQ ID NO: 4

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133 <211> LENGTH: 18

134 <212> TYPE: DNA

135 <213> ORGANISM: Artificial Sequence

137 <220> FEATURE:

138 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

139 primer

141 <400> SEQUENCE: 4

142 gtagagggga gcaaagtg

18

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